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- Warsylewicz, A.M., K.J. Falk and R.P. Steer, Dynamics of the \tilde{B} excited state of thiophosgene 352 (2002) 48
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- Wilson, P.J. and D.J. Tozer, A Kohn–Sham study of the oxirene–ketene potential energy surface 352 (2002) 540
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- Yin, L.-W., M.-S. Li, Z.-G. Gong, Y.-J. Bai and Z.-Y. Hao, Nanosized crystalline foreign particles contained in cubic boron nitride single crystals 352 (2002) 363
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- Zahn, D. and J. Brinkmann, Molecular dynamics study of water pores in a phospholipid bilayer 352 (2002) 441
- Zhang, Q., S. Wang and Y. Gu, Direct ab initio and kinetic calculation for the abstraction reaction of atomic O (3P) with CH_3Br 352 (2002) 521
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- Zheng, D. and G. Wu, Chaotic motion in DCN with broken $SU(2)$ symmetry 352 (2002) 85
- Zheng, D., P. Wang and G. Wu, The H -function for the intra-molecular vibrational energy redistribution as an algebraic approach: resonances in H_2O and DCN 352 (2002) 79

- Zheng, J.-J., S.-G. He, Y. Ding, L.-Y. Hao, X.-H. Wang, S.-M. Hu and Q.-S. Zhu,
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- Ziegler, L.D. and X.J. Jordanides, Two-photon absorption resonance effects in the
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